**GROUP : 2 : 2nd Lab Activity**

**Group Members**:

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**CANDLE MAKING**

**Objectives**

1. To be able to determine the composition candles.
2. To be able to know how candles are made.
3. To be able to know what are the different techniques in making great looking candles.

**Materials Chemicals**

Stove or hot plate Dyes

Large pot Wax (paraffin)

Small pot Gel

Wicks Fragrance

Molds

**Procedure**

1. Place the wax that you are going to use in your wax heater. Heat it until it reaches about 200 degrees Fahrenheit.
2. Add the dye and fragrances to your candles during heating.
3. After adding you have added everything, agitate the container holding the wax to ensure thorough heating and distribution of dye and fragrance.
4. Choose a mold for your candles.
5. Heat the mold to ensure smooth, great looking candles.
6. Pour the hot wax into the heated mold.
7. Pour in more wax to fill the entire mold because the wax will shrink as it gets cooler.
8. Cool the candles at room temperature, in the fridge, or by using a cold water bath.
9. Remove the mold. If it is a single use mold then just tear it away. If it is plastic then run the outside of the mold in hot water, this will melt the outside wax helping it to adhere to the mold and it should just slip out.
10. If your mold it not flat at the bottom then place it directly onto a hot pan surface and melt it down flat to tidy it up and finish it off.